INDEX OF NAMES

(*Original Article; **Short Communication; (R) Review Article)

A

Agarwal, B. K., 85**
Agrawal, Girish C, 105*
Agarwal, S.G., 99**
Agarwal, Sudhir Kumar, 89**
Ahmad, R. U., 88*
Anantha Narayana, D. B., 46**
Ansari, M. S., 88**
Arora, R. C., 119**
Arya, V. P., 168
Asker, A. F., 51, 51, 52
Atal, C. K., 36*, 69**, 96**, 99**, 127**, 167, 168
Attia, I. A., 121**
Ayres, James W., 20
Azarnoff, Daniel L., v

B

Baichwal, Malati R., 81*
Bairathi, M. K., 16**
Bala, S., 169, 172
Baruah, A. K. S., 39**
Barve, V. P., 116**
Basu, Arun Prasad, 176
Baveja, S. K., 154,** 174, 174
Bedi, K. L., 170
Begum, S., 167
Bhagat, S. D., 39,** 158**
Bhatia, Vishnu N., 165
Bhatnagar, J. K., 170
Bhatnagar, Sushma, 175
Bhatnagar, S. C., 103**
Bhatt, K. M., 174, 174
Bhetasiwala, D. Y., 15**
Bhutani, Baldev R., 165
Biehl, E. R., 165
Bindal, M. C., 56**
Bindra, (Mrs.) R., 133*
Blake, Martin I., 20
Bode, David, 20
Bokadia, M. M., 129**
Borodkin, Saul, 20
Bottari, F., 74
Budhiraja, R. D., 172

C

Carstensen, J. T., 20, 132
Chafetz, Lester, 52
Chakraborty, N. K., 161**
Chakrabarti, T., 57,** 62,** 105*
Chalapathi Rao, N. V., 97**
Chanda, R., 174
Chandra Mohan, N. R., 98**
Chansouria, J. P. N., 56**
Chatten, L. G., 19
Chatterjee, S. K., 174
Chaturvedi, Kamal K., 85**
Chauhan, C. S., 44**
Chauhan, H. V., 168, 169, 169
Chaurasia, S. C., 87**
Chawla, A. S., 170
Chien, Yie W., 164
Choudhury, N., 167
Chowhury, N. K., 119**
Chowhan, Z. T., 132
Colaizzi, John L., 19
Collett, J. H., 73
Colo, G. Di, 74
Conner, J., 131
Connor, T., 131
Cunningham, Adam, 165

D

Dalvi, Umesh, 175
Dann, R. E., 51
Dar, R. N., 98**
Dawson, (Mrs.) J. E., 167, 167
Deodhar, R. D., 167
Desai, D. H., 150**
Desai, R. R., 169
Desante, K. A., 132
Dey, N. K., 174
Dhal, P. N., 92**
Dhar, K. L., 167, 168, 172
Disanto, A. R., 132
Dixit, V. K., 143,** 175
Dorle, A. K., 175
Duhan, S. P. S., 41**
Dutta, B. K., 167
Dutta, T. R., 161**

E

Elliott, P. N. C., 166
El-Nakeeb, M. A., 112*
Esezobo, S., 74

F

Farouk, A., 112*
Ford Hutchinson, A. W., 166

G

Gaitonde, R. V., 77*
Gandhi, T. P., 169, 173
Ganguli, S., 168
Garg, K. N., 169, 172
Garg, S. N., 41**
Ghani, Abdul, 172
Ghosh, P. K., 168
Goodhart, Frank, W., 52
Goutam, M. P., 87**
Graham, Robert E., 165
Greensmith, S. L., 19
Groves, M. J., 19
Gupta, A. K., 170
Gupta, O. P., 127,** 172
Gupta, Rajendra, 99**
Gupta, R. C., 170
Gupta, R. K., 161**
Gupta, Subash, 172
Gupte, Anil J., 81*

H

Hajratwala, B. R., 74, 167, 167
Hardikar, S. G., 64**
Hariharan, V., 67**
Harvey, A. L., 169
Hazarika, J. N., 39**
Healey, J. N. C., 74
Hem, Stanley L., 164
Honkan, (Mrs) V., 168
Hunt, M. J., 131, 166
Husain, Md. Imtiaz, 89**

I

Iyer, R. N., 133*

J

Jain, A. P., 173
Jain, N. K., 137*
Jain, S. C., 16**
Jamwal, P. S., 145**
Jane Schaefer, F., 19
Jesthi, P. K., 169
Joshi, Mrs. S., 176
Joshi, S. K., 129**
Joshi, V. V., 173

K

Kalla, Ashok, K., 168
Kannabiran, B., 171
Kapoor, L. D., 170, 171, 171, 171, 172, 172
Kapoor, S. L., 171
Kapoor, V. K., 170
Kartha, C. C., 150**
Katkar, H. N., 116**
Kaushal, R., 85**
Kawashima, Y., 51, 75
Kenner, Charles T., 165
Kerkhof, Nicholas, J., 164
Khan, K. A., 166
Khare, R. L., 46,** 137*
Khasgiwal, P. C., 53*
Khosa, Rattan Lal, 43**
Klink, Paul R., 19
Kocova El Arini, S., 73
Kohli, D. V., 44**
Krishna Rao, R. V., 126**
Kulkarni, (Miss) S. B., 151**
Kumar, Krishna, 57**
Kundaji, (Miss) S. G., 151**

L

Lahiri, K., 176, 176
Lambert, Howard J., 164

La Porta, Enzo, v
Laskar, Paul A., 20
Lasker, S., 168, 168
Locock, R. A., 19
Lopez, S. D., 173
Luzzi, L. A., 51

M

Mali, L. M., 175
Marshall, P. B., 131
McCoy, Robert H., 52
McDonald, Robert H., 19
Meakin, B. J., 131
Mehrotra, S., 171
Mehta, H. J., 150**
Mehta, K. M., 15**
Mehta, R. C., 141,** 167
Meriaux—Brochu, Anne, 165
Meyer, M. C., 51
Michaelis, A. F., 20
Miglani, B. D., 176
Misra, Gopal, 95**, 103**
Misra, Vinay S., 60**
Mithal, B. M., 53*
Mitra, R., 171, 171, 172
Moran, Christina, 52
Moskalyk, R. E., 19
Mouli, S. N., 176
Murty, Pramila, 86**
Mustafa, R. M. A., 19

N

Nadkarni, A. S., 105*
Nagaraja Rao, S., 98**
Nag, Tej N., 173
Nannipieri, E., 74
Nath, B. S., 77*
Nayak, A., 92**
Nayar, R. C., 170
Needham, T. E., 51
Nehete, B. K., 173
Newton, J. M., 73
Nigam, S. K., 95,** 103**
Nikore, R. L., 173, 175, 175, 175
Ninger, Fred C., 52

O

Opankunle, Wilfred O., 165
Omray, A. K., 175
O'Neill, I. K., 131, 166

P

Pabrai, P. R., 168
Padhya, A. C., 150**
Paiement, J., 165
Pamidi, C. C., 170
Pandey, V. K., 118**
Parameswara Prasad, P., 126**
Parikh, S. H., 109
Patel, A. A., 173
Patel, B. M., 12,** 174, 174
Patel, J. C., 141**
Patel, Mahendra, 20
Patel, M.A., 12,** 174, 174
Patel, M. R., 173
Patel, R. B., 169, 173
Patel, V. C., 169, 173
Paul, D., 169
Pentikainen, Pertti J., v
Piaz, Vittorio Dal, v
Pickard, J. F., 1(R)
Pilpel, N., 73, 74
Pinzauti, Sergio, v
Pothisiri, Pakdee, 132
Poust, Rolland I., 19
Prasada Rao, P. R. S., 124**
Premanand, N., 174, 174
Pringuer, M. A., 131, 166
Pritchard, R., 132
Prosser, H. J., 131, 166
Puri, Ravinder K., 170
Purohit, R. M., 87**

R

Radhakrishnan, A. V., 109*
Radhakrishnan, N., 153**
Raju, D. S. N., 176
Rai, P. P., 19
Ramamoorthy, M., 98**
Ramrakhyani, A. K., 47**
Rana, N. G., 169, 169, 169
Rao, M. N. A., 64**
Rao, P. G., 127**
Rao, P. R., 176, 176
Rao, U. R., 176
Rates, Theodore R., 132
Razzo, F. N., 73
Rees, Judith A., 73
Rees, J. E., 1(R), 21(R)
Reid, A., 131
Rhodes, C. T., 166
Rhodes, Harold J., 20
Richardson, N. E., 131
Rodger, I. H., 169
Roy, S. K., 41**
Rubinstein, M. H., 74

S

Saettone, M. F., 74
Saharia, G. S., 147**
Salama, R. B., 73
Saikia, B. K., 39**
Saito, M., 75
Sambasiva Rao, G., 124**
Sankara Subramanian, S., 171, 171
Santani, D. D., 172
Sanvordeker, Dilip R., 164
Sanyal, P. K., 168
Sarin, Y. K., 145
Satakopan, S., 175
Satyanarayana, N., 170
Satyanarayana, T., 126**
Saunders, L., 131, 166
Sawhney, R. S., 36,* 69,** 96,** 127**
Sen Gupta, Anil K., 47**
Sequeira, Joel A., 132
Serafini, M. P., 74
Sethi, P. D., 65,** 171, 171, 171
Shah B. J., 169
Shah, G. F., 109*
Shah, N. C., 172
Sharma, Asha Lata, 119**
Sharma, H. R., 147**
Sharma, K. K., 119**
Sharma, Satyavan, 133*
Sharma, S. N., 175
Shastri, M. R., 141**
Shenoy, Mrs. S. J., 168
Shete, J. S., 175
Shetty, S. N., 10**
Shingbal, D. M., 94,** 157,** 168
Shirsat, P. D., 94,** 101**
Siddiqui, S., 85**
Singh, H., 169
Singh Harindra, 133*
Singh, Jagdev, 64,** 172
Singh, Kuldev, 154,** 174, 174
Singh M. P., 95**
Singh, R. K., 56**
Slywka, G. W. A., 51
Smith, M. J. H., 166
Sood, A. R., 100,** 170
Srivastava, Kanti, 171
Srivastava, G. P., 57,** 62,** 105*
Steiner, G., 20
Steren, C., 20
Stromberg, Signhild, 165
Subba Rao, V., 97**
Subramanyam, K., 170
Suri, K. A., 69,** 96**
Suri, O. P., 36*

T

Takenaka, H., 51, 75
Talwar, S. K., 168
Tamhane, R. G., 15,** 151**
Tausendfreund, R. A., 20
Taylor, H., 167
Thappa, R. K., 99,** 167
Thompson, George R., 165
Tiwari, S. S., 118**
Togunashi, V. S., 176
Tsilifonis, Dimitri C., 52
Tucker, Florence E., 20
Turi, P., 20
Turnbull, M. J., 131
Turner, T. D., 19

U

Udupa, K. N., 56**
Upadhayay, R. K., 44**

V

Varma, K. C., 143,** 175
Varshneya, Kum. Manju, 60**
Vashist, V. N., 99**
Venkataram, B. S., 176
Venkata Rao, E., 124,** 170
Venkitaraman, S., 153**
Vessman, Jorgen, 165
Vijayaraghavan, S. D., 168
Vimala Devi, M., 126**

W

Wahba Khalil, S. K., 73
Walters, V., 74
Wan, Suk Han, v
White, Joe L., 164
Whitlow, R. J., 51
Whitworth, C. W., 51, 51, 52
Whyatt, P. L., 51

Y

Youssef, M. K., 121**
Yoganarasimhan, S. N., 170, 176

Z

Zutshi, S. K., 129

INDEX OF SUBJECTS

*(*Original Article; **Short Communication; (R) Review Article)*

A

Abroma augusta Linn. Root, effect of, on mammary growth and location, 153**
Abroma augusta, preliminary studies on the polysaccharide of the root bark of, 170
Absorbent cotton wool, effect of storage on the absorbency of, 175.
Abstracts, 19, 51, 73, 131, 164
Acetylsalicylic anhydride, an immunogenic impurity in acetylsalicylic acid, estimation of, 65**
Adenanthera pavonina seed, utilization of, 95**
Adiantum caudatum Linn., chemical constituents of, 64**
Adrenocortical function following ether and pentobarbital anaesthesia in rabbits, observations on, 56**
A handbook of pharmacognosy, 71
Aluminium hydroxide gel, effect of dilution on reactivity and stucture of, 164
Amidopyrine in pharmaceutical preparations, determination of, 168
Amidopyrine in various dosage forms, determination of, 157**
p-Aminobenzoic acid, the solubilization of some local anaesthetic esterns of, by iysophosphatidylcholine, 131
m-Aminophenol in *p*-aminosalicylic acid and its sodium salt, semi quantitative determination of, 151**
m-Aminophenol in sodium *p*-aminosalycylate and its pharmaceutical formulation:, colorimetric method for the estimation of, 167
p-Aminosalicylic acid, decomposition of, in the solid state, 131
Analgin and Ascorbic acid, estimation of, in formulations, 98**
Analgin, determination of, in pharmaceutical dosage forms, 94**
Angiotensin in patients of cirrhosis with ascitis:, diuretic action of, 169
Anthelmintics; Search for potent, 89**
Antibacterial properties of some metal-sulphonamide complexes, 85**
Antidiabetic drugs, bioavailability of oral, 174
Anti-parkinsonian compounds —, possible, Part III—Synthesis of some piperazine salts of substituted amino-acids, 118**
Anti-viral agents, search for new, Part II* Synthesis of substituted benzimidazole-2-propyl ß-thiosemicarbazones, 60**
Apocynaceous leaves, further contribution to the identification of, by epidermal and venation characters, 171
Ascorbic acid (coated) in tablets containing calcium dibasic phosphate, rutin, A.M.S. & K3:, a study on the stability of, 168
Ascorbic acid, stability studies of, in tablets using beneficiated talc samples, 46**
Avena sativa, the pharmacology of, 131

B

Bambusa arundinacea:, studies on antibacterial activity of, 176
Benzocaine, diffusion of, from ointment bases, 20
Benzoic acid derivatives, the influence of cosolvents and substrate substituents on the sorption of, by polyamides, 131
Betamethasone benzoate in topical gel preparation by Lewbart-mattox method, colorimetric determination of, 52
Betavulgaris saccharifera Linn, effect of, on hair growth in rabbits, 172
Bharangi, — *Pygmacopremna herbacea* (Roxb.) Moldenke: on the identity, morphology and pharmacognosy of a local market sample of, 170
Binders used in tableting, the mechanical properties of some, 74
Bioavailability of aminosalicylic acid and its various salts in humans IV: comparison on four brands of the sodium salt, 20 (v)
Bioavailability of micronized griseofulvin from corn oil-in-water emulsion, aqueous suspension, and commercial tablet dosage forms in humans, 132
Book reviews, 18, 50, 71, 162
Bordetella pertussis vaccine, effect of, on anaphylactic shock in mice, 86**
Buchanania lanzan Spreng:, Study of seed oil of Priyal, 171

C

Calcium oxalate crystals:, survey of edible plants for, 171
Careya arborea Roxb. leaves, crystalline constituents from, 161**
Cassia senna L., anthracene derivatives in tissue culture of, 19
Chandonium iodide, the actions of a new neuromuscular blocking compound, on isolated smooth muscle preparations, 169
Chemical carcinogenesis, Part B, by Pall O. P. Ts'O and Joseph A. DiPaolo, 50
Chloramine—T as titrimetric reagent in potentiometric determination of isoniazid, phenelzine, and dihydralazine, 20 (v)

Chloramphenicol palmitate and stearate dry syrup and suspension of some of the market products:, polymorphism and bioavailability of, 173
Chloramphenicol, *in vitro* studies over competitive inhibition of protein-binding of, 173
Cinnamomum camphora, examination of volatile oil of, grown at Jorhat, Assam, 39**
CNS depressant activity of 2-methyl-3 -(3, 5-dimethyl-4-hydroxyphenyl)-3, 4-dihydroquinazolin-4-one (SRC—226), 109*
Corticoids, release of, from oleaginous ointment bases containing drug in suspension, 132
Crotalaria, Genus XIX. Preparation of local anaesthetic agents, 36** .....
Crotalaria, species, chemical investigation of the seeds of, 16**
Crotalaria XXII, genus, chemical components of *C. tetragona* and *C. intermedia*, 96**
Crotalaria XXVII, genus,—synthesis of pyrrolizidine amides, 127**

D

Decinormal potassium iodate solution for the assay of phthivizid:— a note on the preparation of, 168
Diazepam in parenteral formulations:, influence of ionic strength on the stability of, 176
Diazepam, some observations on, in parenteral formulations: the discolouration phenomenon, toxicity and the over-all stability, 175
Digoxin tablets, bioavailability and dissolution properties of two commercial, 19
Diosgenin from *Balanites roxburghii* leaves and kernel, 103**
Diphenhydramine hydrochloride in expectorants in presence of chlorpheniramine maleate, estimation of, 15**
Drug Development Communications, 71
Drug release from a lipophilic ointment base as influenced by chain length of added surfactant, 165

E

Effect of excipients on colour fading II, rapid evaluation of, 20
Effect on stability and dissolution of aspirin, dimethylpolysiloxane fluids as vehicles, evaluation of, for various pharmaceuticals I:, 51
Endocrine research communications 1974, 162
Essential oils, antimicrobial activity of some Indian, 129**
Essential oils from rhizomes of *Hedychium coronarium* koeing and *Hedychium spicatum* koeing, anthelmintic properties, 143**
Essential oils of leaves of *Blumea lacera* DC and *Blumea laciniata* DC:, antimicrobial activity of, 175
Eucalyptus canceolatus:, essential oil from the leaves of, 170

F

Film Coating: II Processing equipment, 1, (R)
Formaldehyde vapour, studies on the "*In vivo*" drug release from medicated pellets hardened with, 97**
Formulation of medicines for oral administration, 21, (R)

G

Gelatin capsules, versatile unit for filling, with drugs or chemicals, 165
Glibenclamide, estimation of, 169
Granulation particle-size distribution, effects of milling on, 20

H

Hard gelatin capsules, the influence of additives on the *in vitro* release of drugs from, 73
Heracleum candicans roots; a note on, a new source of xanthotoxin, 145**
Heterocycles:, Synthesis of new, 168
Hospital pharmacy for diploma in pharmacy students, a programme for 750 hours practical training in an, 176
Hydrochlorthiazide tablets: formulation of quick release, 174
Hydroxy and aminoxanthones:, antispasmodics and antihistamines derived from, 169
Hydroxy-propyl cellulose-polyvinyl acetate films, drug release from, 20

I

Indomethacin degradation I in the presence of alkali, kinetics of, 167
Indomethacin degradation II in the presence of surfactants and alkali, kinetics of, 167
XXVII Indian Pharmaceutical Congress, Abstracts of papers to be presented at the scientific session, 167
Indian Pharmaceutical Guide 1975, 162
Iodochlorhydroxyquin and corticosteroids, determination of, in pharmaceutical formulations, 164-65
Isoniazid and its dosage forms, comparison of analysis of, by several methods, 20

K

Kokum fat, studies of, in ointment formulations, 137*

L

Lignocaine analogues, studies on, 12**
Limnophila rugosa (Roth.) Merill, chemical examination of the volatile oil of, 99**
Local anaesthetic esters of *p*-aminobenzoic acid by lysophosphatidylcholine, the solubilization of some, 166
Local anaesthetic—preservative combinations, antibacterial activities of certain, 112*
Luvunga scandens Buch. Ham., antifungal activity of essential oil of, 87

M

Magnesium carbonate, reduced acid neutralizing velocity of spray-dried agglomerated, 51
Menadione or menadione sodium bisulphite in pharmaceutical dosage forms, colorimetric method for the estimation of, 141**
Methaqualone and its dosage forms, nonaqueous titration of, 19
Methyldopa, a new colorimetric method for the determination of, 73

Methyl dopa from methyl eugenol:, synthesis of, 167
Metronidazole, interaction of, with metallic ions of biological importance, 164
Microcrystalline cellulose prepared from absorbent cotton as an excipient in tablet formulations, evaluation of, 81*
M. Pharm course in various universities:, study of, 176
Murraya paniculata (Jack), structure of a new coumarin from, 43**

N

Nerium odorum (Root Bark), phytochemical studies on, 126**
Nicotinamide GLC determination of, in multivitamin formulations after conversion to nicotinonitrile, 165
Nitrofurantoin products, bioavailability of 14, 51

O

Oil of *callistemon lanceolatus*: chemical constituents and commercial prospects, 158**
Oral hypoglycaemic agents:, some new potential, 169
Outlines of biochemistry, 3rd edition, 18
Oxytetracycline formulation, the effects of moisture content and gelatin binding agent on the mechanical and failure properties of an, 74

P

Paracetamol:, colorimetric estimation of, 168
Particle size, effect of compaction on, 166
Parthenium hysterophorous (congress grass), pharmaceutics and standardisation of an active principle isolated from, Part II, 173
Particulate matter in large-volume parenteral containers, generation of, 51
Peppermint (*Mentha piperita* Linn), effect of age of plant on the quality of essential oil of, 41**
Pesticides: Part VI, studies on potential, synthesis and insecticidal activity of several new dithiocarbamates, 47**
Pharmaceutical calculations by Mitchell J. Stoklosa, 50
Pharmaceutical powders, shearing and tensile tests on mixtures of, 73
Pharmacognostic study of four Indian *Physalis*, 171
Pharmacognostic study on *Plaksha*-II-stem bark of *Ficus lacor* Buch—Ham., 172
Phenformin and ethyloestrenol, antihypercholestraemic effect of, in rabbits maintained on high cholesterol diet, 119
Phenothiazine derivatives, determination of certain, in pharmaceutical preparations, 121**
Physalis ixocarpa leaves:, steroidal constituents of, 171
Physical properties of aqueous isoprenaline hydrochloride preparations:, studies on some, 167
Piperazine in pharmaceutical preparations, colourimetric estimation of, 101**
Piper officinarum Cas DC., occurrence of λ—dihydropiperine in, 172
Piper trichostachyon; alkaloids of, 172
Plantago ovata (Ispaghula) Seed Husk Gum, derivatives of, Part I—Carboxymethyl derivative, 53*
Plastic containers for pharmaceuticals—testing and control, 71
Polydimethylsiloxane, comparison of the nuclear magnetic resonance and infrared spectroscopic methods for the quantitative analysis of, 131
Polydimethylsiloxane, comparison of the nuclear magnetic resonance and infrared spectroscopic methods for the quantitative analysis of, 166
Polyethylene glycol 6000, use of, as a microencapsulating material for stability and early release of drugs in solid dosage form:, 175
Potential estrogens I. synthesis of 2-methyl-4-ethyl-5, 6, 7, 3', 4', 5—hexamethoxy-△ isoflavene:, search for, 168
Prednisolone, bioavailability and pharmacokinetics of, in humans, 132
Prednisolone tablets, dissolution rate of commercial, 154**
Prosapogenin—A, an alkaline hydrolytic product of saponins of *Entada scandens* Benth., 67**
Prostaglandins and the anti-inflammatory activities of aspirin and sodium salicylate, 166
Pyrrolizidine alkaloids from *Cynoglossum lanceolatum, C. glochidiatum* and *Lindelofia angustifolia*, 69**

R

Regeneration of dwindling medicinal plants in nature, 172
Release of salicylic acid from ointments, effect of formulation and processing techniques on, 52
Research Papers, 36, 53, 77, 105, 133
Review Articles, 1, 21

S

Salicylamide—Urea and salicylamide—polyethylene glycol 6000:, dissolution studies on solid dispersions of, 175
Salicylic acid from ointment bases, influence of drug concentration on *in vitro* release of, 74
Salicylic acid from various ointment bases, effect of small-scale preparation techniques on diffusion of, 51
Salicylic acid in formulations containing acetylsalicylic acid and paracetamol:, detection and estimation of, 168
Salicylic acid, improvement of solubility and dissolution rate of poorly water-soluble, by a spray-drying technique, 75
Salicylic acid in micellar solutions of polysorbate. 20, the dissolution of, 73
Sanjeevinee—its identity and therapeutic claims:, 176
Self-emulsifiable oils, measurement of the spontaneity of, 19
Short Communications, 10, 39, 56, 85, 116, 141
'*Sirish*' leaves, comparative pharmacognostic study on, 170
Solanum platanifolium sims: Part I—effect of fertilizers:, growth studies, 170
Spasmolytic activities, studies on, of aminomethyl derivatives derived from 2-mercapto benzoxazole and 2-mercapto benzothiazole, 92**
Studies in heterocyclic compounds Part VI. Synthesis and antibacterial activity of some 3, 5-diaryl-4-(N-

substituted *p*-sulphamyl benzeneazo) pyrazoles, 147**
Sulpha drugs:, bioavailability of, 174
Sulpha drugs, new reagent for the identification of, by thin layer chromatography, 116**
Sulphaguanidine, effect of some hydrocolloids on the crystal size of, by solvent change method, 77*
Sunscreening agents, influence of, on color stability of tablets coated with certified dyes II: FD & C Blue No. 1. 74
Sus cristatus, preliminary chemical examination of the fat of, 44**
Sustained release tablet formulation of diethylcarbamazine citrate (Hetrazan), studies on the, 57**
Synthesis and antimicrobial activity of 4-oxo-2, 3-dihydro-1, 3-benzoxazine and naphthoxazine-2-thiones and related compounds, 133*

T

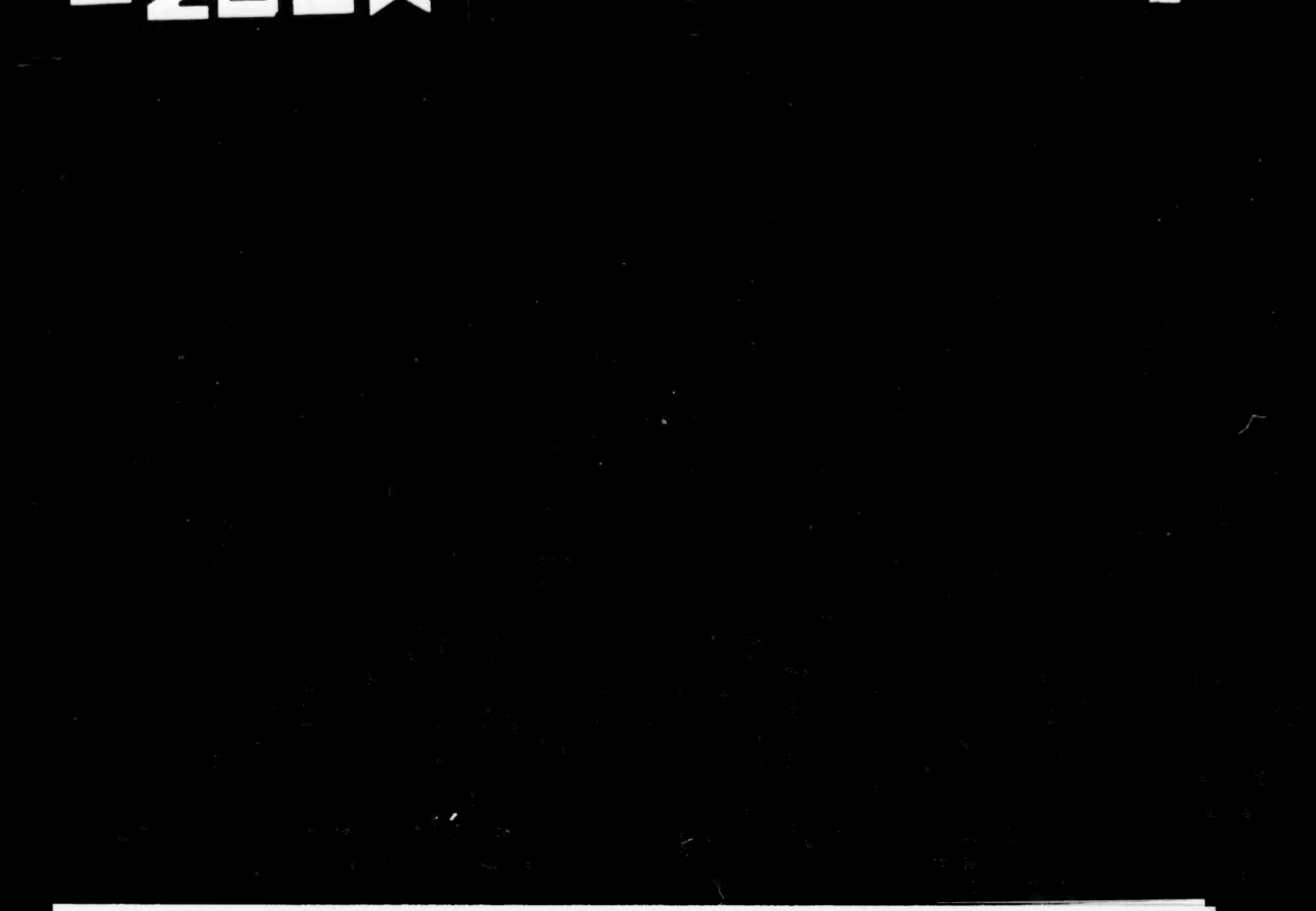
Tablets, effect of some variables on the physical stability and dissolution rates of, during storage condition, 175
Tablets, effect of surfactant treated potato starch, used as disintegrant, on the physical properties of, 105*
Tablet granulations II:, drying rates of, effect of particle size and granular densities, 165
Tablet shape, effect of, on the physical properties, 62**
Tetracycline hydrochloride capsules and tablets:, therapeutic equivalence studies of commercial, 175
The United States Pharmacopeia, Nineteenth revision USP (XIX), 163
Thevetia peruviana, chemical constituents of fruit pericarp and flowers, 124**
Thiacetazone:, colorimetric determination of, 169
Thiamine propyl disulphide and hepatic drug-metabolising enzymes in mice, 10**
Thiazolidine, -2, 4-dione derivatives, antimicrobial activity of, 150**
Trigonella foenum—graecum Linn., chemical compounds from the leaves of, 100**
Tropane alkaloids of solanaceae:, chemotaxonomic significance of the, 172
"Turbud", pharmacognostical and botanical identification of the drug, used in Unani system, 88**
Tyrosine an alternative precursor to tropane alkaloid in tissue culture of *Datura metel* L:, 173

V

Vitamin A ester (retinyl esters), the nature of, in fish liver oils and its application in the detection of spurious oils:, 174

W

Wax matrix timed-release tablet, release of a water-soluble drug from a:, 52
Withania coagulans roots:, steroidal constituents of, 171
W.H.O. Exports Committee on drug dependence (Tech-Report No. 526), 18

X

Xanthium strumarium, studies on the oil of, 170